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Dated: May 31, 2005

Signature:

Cynthia L. Kanik, Ph.D.

Docket No.: PCI-017USRCE  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Phillipe Seguela *et al.*

Application No.: 09/530233

Art Unit: 1646

Filed: April 26, 2000

Examiner: Michael D. Pak

For: DNA ENCODING A HUMAN  
PROTON-GATED ION CHANNEL  
AND USES THEREOF

**AMENDMENT TO FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated November 30, 2004, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.

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05/03/2005 WABDELR1 00000058 120080  
02 FC:2201 100.00 IA